



ESCCA NEWSLETTER

SEPTEMBER 2019

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Dear ESCCA Member, estimated reader of this Newsletter,

Only a week before the start of ESCCA 2019 – I guess many of you will already have been there, at least in thoughts.....

.....either when rehearsing your presentation – imagine that 67 other conference attendees are in that same situation! and many more eager to hear about your research findings.

.... when composing your individual conference itinerary – remember you are free to attend any presentation that interests you.

.....or when researching tourism in the Bergen area read on for some personal impressions.

Those of you unable to attend this year – find next years' date and venue in this newsletter – reserve the date and hopefully we'll meet you next year.

At ESCCA we will be 450 flow aficionados, such a meeting would not be possible without our sponsors – thank you for your support.

And lastly, for those taking the certification exam: we wish you success and hope to read your names on the ESCCA webpage soon,

I hope you'll enjoy reading the ESCCA newsletter and quiz,

Paula Fernandez

ESCCA President



Bryggen

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www.escca.eu/norway2019

Only a week before the ESCCA Conference in Bergen kicks off!

All of us at ESCCA have worked hard to make it a memorable event, offering a fantastic scientific programme and great social events in the wonderful city of Bergen. Delegates numbers exceed previous years, all pre-conference courses are fully booked, and so are the Welcome Reception and Conference Dinner! The Conference venue, the Edvard Grieg, sold all their rooms and is now booking delegates in their partner hotel nearby. We'll post a photo impression in the next Newsletter!

Are you attending the Conference? Consider extending your stay with one extra day to experience one of the **Norway in a Nutshell** tours! Our Conference Organiser tried out the [Hardanger tour](#) (check out the video on that page!) and was completely in awe about Norway's majestic fjords, just around the corner of Bergen! Emerald green water, sometimes still like a mirror, impressive mountains dotted with waterfalls, wild flowers, fresh crispy air....



ESCCA Goes Vilnius in 2020!



Genimidas Castle

© Go Vilnius

From **Wednesday 9 - Saturday 12 September 2020** ESCCA will convene in the charming city of Vilnius. The capital of Lithuania was declared a UNESCO World Heritage Site in 1994. It contains one of the largest surviving medieval quarters in Europe. The Old Town, marvellously intact, contains almost 2.000 medieval, gothic, renaissance, and baroque buildings. The 13th century Higher Castle affords a glorious view of the city centre.

Vilnius was one of the largest Jewish centres in Europe, which has led Napoleon to name it "the Jerusalem of the North" when he passed through in 1812, but its Jewish community was largely destroyed in WWII. However Vilnius does not hide this, or any other of its historic scars. You will find reminders of its rich history scattered throughout the city.

Though a capital city, Vilnius feels much like an overgrown village. From one of the many hot air balloons you will have a stunning view on the maze of little streets, its many green spaces which cover around 40% of its area, its countless Catholic and Orthodox church spires and the self-declared micro-nation of Užupis. On 1 April 1997, this district (the name means "over the river") declared itself a separate republic, forming a bohemian commune with a president, foreign ministry and even a constitution.

More information on ESCCA 2020 will be published in the next Newsletter but do save the date!



Vilnius site inspection by the ESCCA Senate – *standing in front of the [Constitution of the Republic of Užupis](#)*

Quiz

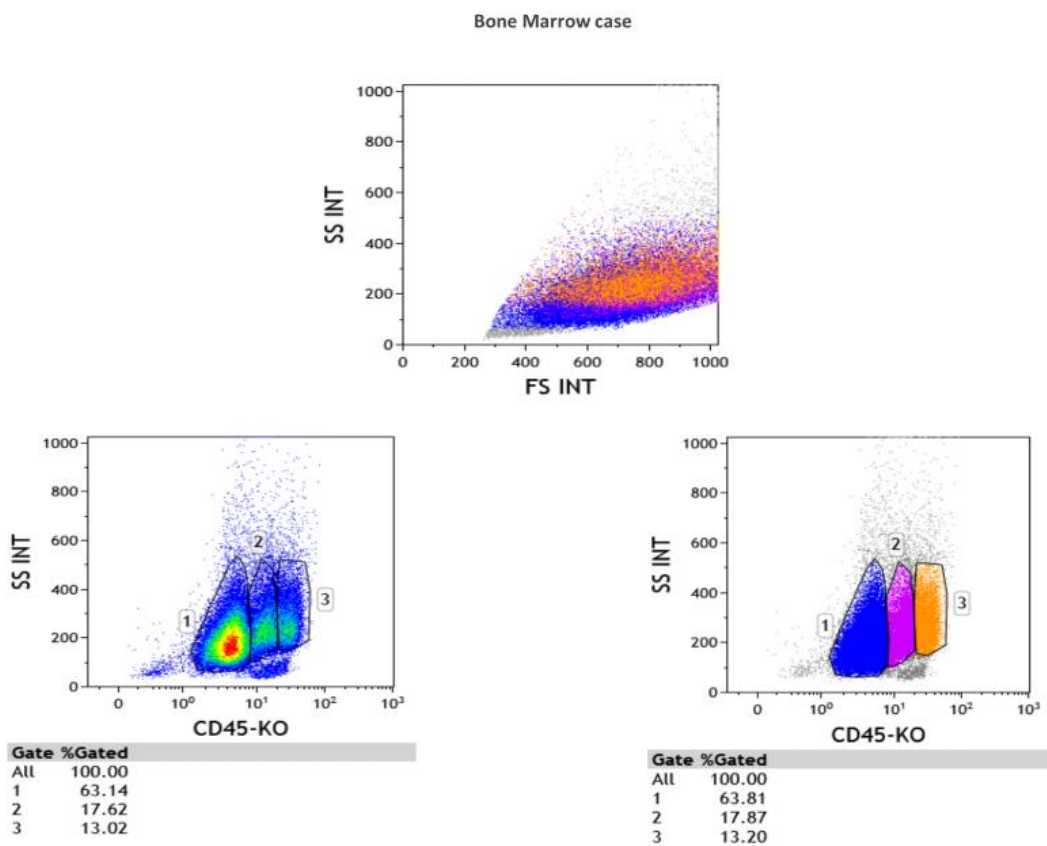
Material: bone marrow.

Clinical info: Patient was known with CLL and has been treated and had a CR. Currently suffering from weight loss and fever.

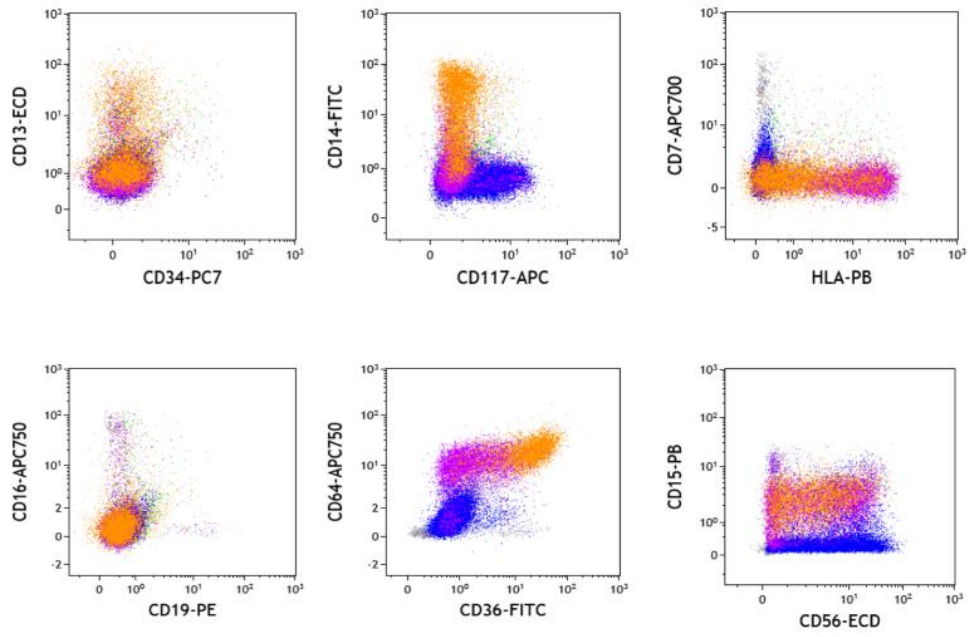
The questions are*:

- 1- What are the three populations (1, 2 and 3) that are displayed in the CD45 vs SSC plot?
- 2- What is the diagnosis/conclusion based on the results?

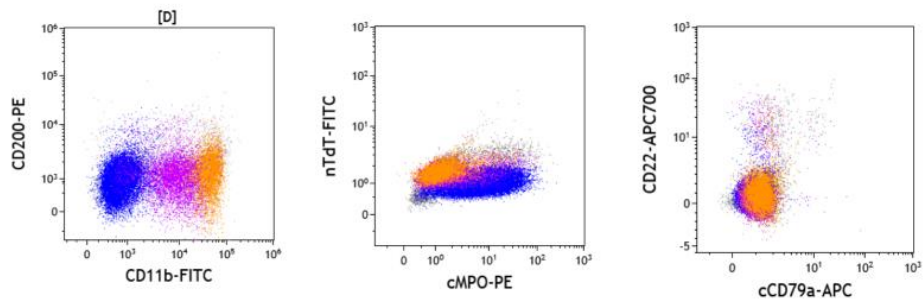
* For the answers, see the last page.



Bone Marrow case



Bone Marrow case



ESCCA Conference Sponsors 2019

ESCCA would like to express their gratitude for the sponsors who have committed themselves to the Conference. Their support allows us to organise this Conference for you, so we gladly give the main sponsors some dedicated space further below in this Newsletter. The link to the Silver Sponsors, equally appreciated, can be found below as well.

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Silver sponsors

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Systemx Corporation

www.sysmex-europe.com/new-vision

Systemx Corporation is a world leader in clinical laboratory systems providing solutions for laboratory diagnostics, laboratory automation and clinical information systems. Our mission is to shape the advancement of healthcare by delivering technological leadership in diagnostic science and information tools that make a genuine difference to the health of people worldwide.

Systemx is the global leader in haematology and a renowned specialist in haemostasis, urinalysis, and laboratory automation. As our expertise in the interdependency of disease and medical disciplines grows, we are expanding to cover other pressing areas such as oncology, flow cytometry, liquid biopsy and essential healthcare in resource-poor regions. We are starting a journey with flow cytometry laboratories by combining our 50 years' experience and expertise to add automation into their workflow where it matters – to help laboratories make their workflow more efficient and deliver their services with absolute confidence in the results. Possible applications of our system, for example, include aiding the diagnosis of onco-haematological diseases or monitoring HIV disease progression.

Systemx Europe GmbH (SEG), located near Hamburg, Germany, is a subsidiary of the Systemx Corporation. From our Hamburg offices, we serve our affiliates, distributors and customers throughout Europe, the Middle East and Africa (EMEA). Of around 8,000 global staff across subsidiaries in North and Latin America, Europe, China, and Asia Pacific, 1,700 work in the EMEA region.

Everything we do is driven by our mission, which is supported by our corporate message *Lighting the way with diagnostics*.

Beckman Coulter Life Sciences

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The history of Beckman Coulter is one of innovation, beginning with Dr. Arnold O. Beckman's solution for determining the precise measurement of pH in lemon juice—the acidimeter, or pH meter. From a small operation in the rear of a garage in Pasadena, California, to its recognition today as a world leader in clinical diagnostics and life science research, Beckman Coulter owes its success to three men of vision who revolutionized science and medicine: Arnold O. Beckman, Ph.D., and brothers Wallace and Joseph Coulter.

For 75 years, the world has turned to us for solutions, and we are proud to say we've solved many of them. Beckman Coulter's focus is to help create the world's most efficient laboratories that improve patient health and reduce the cost of care. Beckman Coulter Life Sciences is dedicated to developing and providing advanced technologies and equipment for research and discovery to explore new treatment methods. Our products include Centrifugation, Flow Cytometry, Liquid Handling, Genomic solutions and Particle Characterization which are implemented in all major areas of Life Sciences such as biology, biochemistry, biophysics, nanotechnology and molecular biology to simplify and automate existing processes in the lab.

For our top competitors, biomedical testing is one business among many; for Beckman Coulter, it is our sole focus. In today's market, we are one of the few participants with full capacity to design, develop, manufacture, sell and service our products.

Our vision: Advancing science through discovery – Our mission: Delivering innovative and trusted scientific solutions across the globe

For more information please visit www.beckman.com.

BD at ESCCA 2019 – Symposia on how the BD FACSDuet™ Sample Preparation System improves lab efficiency and the impact of the European IVD-Regulation (2017/746)

BD FACSDuet™ Sample Preparation System, designed to combine automation, simplicity and consistency, is already leaving its footprint of efficiency in several laboratories. In our ESCCA Industrial Partner Presentation on the 18th of September, Debbie Bruno from Ampath Laboratories, Pretoria, South Africa will talk about how the BD FACSDuet™ Sample Preparation System boosted the efficiency of her lab and has made it 'An incredibly amazing experience'.

The European IVD-Regulation (2017/746) enforced in May 2017 with its application date of May 26th, 2022 will have a huge impact on all the stakeholders in the *in-vitro* diagnostics arena. To discuss the ramifications of this new regulation and shed light on its potential impact, we have put together a team of experts for a panel discussion on this topic on the 19th of September.

BD is honored to bring these two exciting events to ESCCA 2019.

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Cytognos S.L

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Cytognos is a Biotech company based in Salamanca with over 20 years of experience at successfully designing, developing, manufacturing and commercializing innovative flow cytometry products for In Vitro Diagnosis (IVD). Cytognos collaborates actively with the EuroFlow™ consortium implementing and bringing onto the market the “Next Generation Flow” approach which provides high sensitive flow cytometry tests and standardized protocols for the diagnosis, classification and follow-up of haematological malignancies, Minimal Residual Disease detection and Primary Immunodeficiencies.

We offer a complete solution with all the necessary tools which includes multi-colour high quality kits, stable flow cytometer and state-of-the-art analysis software. Our Product Specialists provide outstanding support, helping our customers to easily implement the Cytognos’ solution in their routine laboratories, allowing to improve their flow cytometric analysis capabilities, and hence their results.

Furthermore Cytognos is ISO 9001:2015 and ISO 13485:2016 certified and has obtained CE/IVD manufacturing licence from the Spanish Agency of Medicines and Medical Devices (Ministry of Health), which ensures reliable quality control processes, manufacture of high quality products and aim to increase customer satisfaction.

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Answers quiz page 8:

1- The three populations are:

- 1: Myeloid blasts
- 2: Monocytic blasts
- 3: Mature monocytes

2- Diagnosis/conclusion: Acute myelomonocytic Leukaemia